

| Confidentiality Requested: | | | | | |
|----------------------------|-----|---|----|--|--|
| | Yes | N | lo | | |

Kansas Corporation Commission Oil & Gas Conservation Division

1155114

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # | API No. 15 | | | | |
|---|---|--|--|--|--|
| Name: | Spot Description: | | | | |
| Address 1: | SecTwpS. R | | | | |
| Address 2: | Feet from North / South Line of Section | | | | |
| City: State: Zip:+ | Feet from _ East / _ West Line of Section | | | | |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: | | | | |
| Phone: () | □NE □NW □SE □SW | | | | |
| CONTRACTOR: License # | GPS Location: Lat:, Long: | | | | |
| Name: | (e.g. xx.xxxxx) (e.gxxx.xxxxx) | | | | |
| Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 | | | | |
| Purchaser: | County: | | | | |
| Designate Type of Completion: | Lease Name: Well #: | | | | |
| ☐ New Well ☐ Re-Entry ☐ Workover | Field Name: | | | | |
| Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: | Producing Formation: Elevation: Ground: Kelly Bushing: Feet Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet | | | | |
| Operator: | If Alternate II completion, cement circulated from: sx cmt. | | | | |
| Well Name: Original Comp. Date: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls | | | | |
| Commingled Permit #: Dual Completion Permit #: | Dewatering method used: | | | | |
| SWD Permit #: | Location of fluid disposal if hauled offsite: | | | | |
| GSW Permit #: | Operator Name: | | | | |
| | Lease Name: License #: | | | | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date | Quarter Sec. Twp. S. R. East West County: Permit #: | | | | |

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

| KCC Office Use ONLY | | | |
|---------------------------------|--|--|--|
| Confidentiality Requested | | | |
| Date: | | | |
| Confidential Release Date: | | | |
| Wireline Log Received | | | |
| Geologist Report Received | | | |
| UIC Distribution | | | |
| ALT I II III Approved by: Date: | | | |

Page Two



| Operator Name: | | | L | ease Name: _ | | | Well #: | | |
|--|---------------------------|---------------------------|-----------------------|----------------------|---------------------|---------------------|------------------|--|--|
| Sec Twp | S. R | East We | est C | County: | | | | | |
| INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to | ring and shut-in pres | sures, whether sh | ut-in pressur | e reached stati | c level, hydrosta | tic pressures, bott | | rval tested, time tool erature, fluid recovery, | |
| Final Radioactivity Lo files must be submitted | | | | | ogs must be ema | iled to kcc-well-lo | gs@kcc.ks.go | v. Digital electronic log | |
| Drill Stem Tests Taker (Attach Additional | | Yes | No | L | _ | on (Top), Depth an | | Sample | |
| Samples Sent to Geo | logical Survey | Yes | No | Nam | e | | Тор | Datum | |
| Cores Taken Electric Log Run | | Yes Yes | No No | | | | | | |
| List All E. Logs Run: | | | | | | | | | |
| | | (| CASING REC | ORD Ne | ew Used | | | | |
| | | · · | | ıctor, surface, inte | ermediate, producti | 1 | | I | |
| Purpose of String | Size Hole Drilled | Size Casin Set (In O.D | | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | ADD | ITIONAL CEN | MENTING / SQL | JEEZE RECORD | | | | |
| Purpose: | Depth Top Bottom | Type of Cem | ent # | Sacks Used | | Type and P | ercent Additives | | |
| Perforate Protect Casing | 100 20111111 | | | | | | | | |
| Plug Back TD Plug Off Zone | | | | | | | | | |
| 1 lag on zono | | | | | | | | | |
| Did you perform a hydrau | ulic fracturing treatment | on this well? | | | Yes | No (If No, ski | o questions 2 ar | nd 3) | |
| Does the volume of the to | | • | | | | _ ` ` ' | p question 3) | | |
| Was the hydraulic fractur | ing treatment information | on submitted to the c | hemical disclo | sure registry? | Yes | No (If No, fill | out Page Three | of the ACO-1) | |
| Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze (Amount and Kind of Material Used (Amount and K | | | d Depth | | | | | | |
| | printed and finite order | | · | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Pa | acker At: | Liner Run: | | | | |
| | | | | | | Yes No | | | |
| Date of First, Resumed | Production, SWD or Ef | | cing Method: owing | Pumping | Gas Lift C | other (Explain) | | | |
| Estimated Production Per 24 Hours | Oil | Bbls. G | as Mcf | Wate | er Bi | ols. G | as-Oil Ratio | Gravity | |
| DIODOCITI | ON OF CAS: | | N 4 - T - 1 | | TION: | | PROPUSTIC | ON INTERVAL. | |
| Vented Solo | ON OF GAS: Used on Lease | Open Ho | | IOD OF COMPLE \Box | | nmingled | PRODUCTION | ON INTERVAL: | |
| | bmit ACO-18.) | Other (S | necify) | (Submit | | mit ACO-4) | | | |



TREATMENT REPORT

Atld Stage No.

| ACIO & | Cemer | IL ER | | |
|--|---|------------|---------------|--|
| | | - | | Type Treatment: Amt. Type Fluid Sand Size Pounds of Sand |
| Date 0 114 | 113 DI | uner 6 . B | Y. (| O. No. C39509 Bkdown Bbl. /Gal. Type Fluid Sand Size 1'ounds of Sand |
| Company Mi | ke kel | 110,02 | | |
| Well Name A | vo Esteld | 刊 | | |
| | | | | |
| County Decides State E3 | | | State Es | |
| | 11 | | | Treated from |
| Casing: Sise | > | Type & WL | 44444 | Set al |
| | | | | from |
| | | | | • |
| | | | | Actual Volume of (III)/Water to Load Hule: |
| Liner: Sise | E TYPE & WI | L | Top at | t. Boltom atft. Pump Trucks. No. Used: Bid. 320 Sp Twin |
| | | | | ft. to |
| | | | | |
| | | | | tt. Auxillary Tools |
| | | | 70.000 | l'Ingrine or Bealing Materiale: Type |
| thum Male Wir. | P | 7° 11 | <i>t</i> 1 14 | U. to |
| HAM HOLD KIS | F,40.2 10.21.11.10.22 10.22 | . 4.444 | | Di Wagnerman administrati de la |
| Comment P | lenmerentativ | e Mike | k. | Treater Mg than L. |
| TIME | | URKS | Total Field | |
| CA /p.m. | Tubins | Casing | Pumped | REMARKS |
| 10:00 | | | | On Location. |
| : | | | | |
| : | | | | |
| * | | | | 41/2° @ 3,787. |
| | | | | |
| * | | | | Bicch circulation w water |
| : | | | | daile am Core of the 1800 and the 18 |
| • | | | 1 | Mix 175 sts. 65/25 pal 6%, ccl. 3/48 |
| - | | | | CFR- Z 1/26 C-410. |
| \$ 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | CHE KB CHIR |
| - : | | | | Mix 25 sts. Common. |
| • | | | | Mix 25 sts. Common. |
| | | | | No. 1 CT III o III - Woods |
| | | | | Displace w 52 bhs. @ 4 by - 1400+6 |
| -:- | | | | Circulated concert to surface out 578'A" |
| -: | - | *** | | Shart Car. |
| | | | | The a suite which the |
| 12:45 | | | | The on surface. Mix so ste. |
| 10.15 | | | 1 | |
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| - | | | - | Thank You! |
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